ATTORNEY DOCKET NUMBER: HIRA.0137

THE COMMISSIONER OF PATENTS AND TRADEMARKS

WASHINGTON, D.C. 20231

Transmitted herewith for filing is the Utility patent application of:

INVENTOR: OSAMU KOGI AND HIROSHI KISHIDA For: BEADS ALIGNMENT STRUCTURE, PRODUCTION METHOD THEREOF, AND BEAD ALIGNMENT METHOD

Enclosed are:

- \boxtimes 3 sheets of \square formal \square informal drawings.
- It is a Transmittal of Japanese application 2003-113579 to claim priority date of April 18, 2003.

FOR CAPILLARY BEADS ARRAY

- An assignment of the invention to Hitachi. Software Engineering Co., Ltd.
- ☑ An Executed Declaration.
- In the filing fee is calculated as shown below:

For	NUMBER FILED		NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	12	-20		x\$18 =	0.00
INDEPENDENT CLAIMS	3	-3		x\$86 =	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$290 =					•
BASIC FEE					\$770.00
			TOTAL OF ABOVE		\$770.00
REDUCTION BY ☐ FOR FI			ote 37 C.F.R.§ 1.9, 1.27, 1.28) ACHED		
TOTAL					\$770.00

A check in the amount of \$810.00 to cover the filing and assignment fees is enclosed.

II The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R.§ 1.16 and 1.17, or credit any overpayment to Deposit Account Number 08-1480.

Respectfully submitted,

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January 28, 2004